

Fall 10-18-1972

# The Tech News, Volume 64, Issue 6, October 18 1972

The Students of Worcester Polytechnic Institute

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# The Tech News

Vol. 64

Worcester, Massachusetts

Wednesday, October 18, 1972

No. 6

## WPI Balances Budget, Fuller Dorms Dedicated

WPI has reached daylight at the end of a tunnel of financial deficit, according to David E. Lloyd, WPI treasurer. He told trustees last weekend at their fall meeting in Gordon Library that there was a surplus of \$246,892 at the close of the 1971-72 fiscal year on a \$12 million budget.

WPI alumni on campus for Homecoming heard an announcement that a quarter of a million dollars had been received for dedication of a dormitory complex to memorialize George Freeman Fuller, local forgings industry pioneer.

Lloyd said that 1970-71 was the turnaround year when the college almost broke even on its \$11 million expenditure after several years of red ink when it was spending \$10 million annually (the annual deficit was about \$400,000 three years ago).

President George W. Hazzard attributes several factors for this improved financial condition, but he is convinced that "growing enthusiasm for and commitment to our kind of education (the WPI Plan) by faculty and students" is the key to success in breaking the series of deficits. President Hazzard said the surplus will be applied to the previous losses.

Chairman of the Board, Milton P. Higgins said that the Fuller gift had been received from the George F. and Sybil H. Fuller Foundation, Sacket R. Duryee, chairman, for

town house type dormitories to be named the George Freeman Fuller Residences. They will be located at Schussler, Institute and Trowbridge Roads, adjoining the Ellsworth Residence Center.

The expected use of the buildings for the entering class of 1973 may be delayed, according to President Hazzard because work on cutting down Institute Road hill and reinstallation of utilities is just underway.

The late George F. Fuller (he died in 1962 at the age of 93) left Grafton High School in his senior year for a job as bookkeeper at Wyman Gordon Co. for eight dollars a week.

He began his rise to leadership in the forgings industry when he gave up office work for the shop. He was named Wyman-Gordon president in 1916 and succeeded to chairman of the board and honorary chairman.

Fuller was a leader in developing a commercial process for heat-treating metal parts, especially railroad couplings. In World War I, he helped to develop the crankshaft for the Liberty airplane engine, and held more than 1000 patents.

In other business, the trustees elected Controller William F. Barrett to assistant treasurer, a post vacant since 1969, when Lloyd was advanced to treasurer.

Barrett has received degrees from Becker Junior College and

Clark University. He joined the administrative staff at WPI in 1963. Previously, he had been a cost accountant at Stanley Woolen Co., Uxbridge; staff accountant at State Mutual Life Assurance Co., and office manager and assistant to the controller and treasurer at New England High Carbon Wire Corp., Millbury.

Other corporation officers were re-elected. They are Higgins, chairman; Paul S. Morgan, vice chairman; John W. Coghlin, secretary, and Lloyd, treasurer.



Mr. Barrett was named Assistant Treasurer at the Trustees Meeting this past weekend.

## Class Sizes Found Larger Than Before

by Ken Larsson

Several complaints resulting from the adoption of the 7 week semester have come to light within recent weeks. One commonly heard complaint was that classes were too large, or at least larger than usual.

Class population lists are compiled each semester showing the number of students in each course, as well as the number of students each instructor has in his course(s). Through the examination of last year's first semester list and this year's A Term list, much evidence was found to support the complaints of increased class size.

It appears that the greatest increases were found in courses offered by the Math, History, and English departments. The average size of the differential calculus classes (MA101, MA1010) increased by nearly 25% from an average size last year of 27.6 to 34.7 students (IPI courses are not included in figures). Thus, not only has the number of class meetings been cut but also the number of students has been increased. The average size of courses in the History Department has increased from 32 students to 49 students, almost a 50% increase. This appears to be due to the fact that one section is only being taught for each course whereas in previous semesters 2 sections were offered. Likewise, courses offered in the English department showed an increase size of approximately 50%, apparently for the same reason.

There are many examples throughout all the departments of increased class size. Industrial Engineering showed an increase from 30 for last year to 41 this term. Last year three sections in various Philosophy courses were offered with average size of 37, this term one course is being offered with 84 students taking it. In American Enterprise, Profit and Price (EC100, EC1001), the average class size increased 25% from 34 to 45.

The seriousness of the class increases depends on how you look at them; even courses that have remained the same size can be found to be too large if the "numbers game" is played. I hate to think how many times I have heard over the past few weeks that with only three courses I should be working twice as hard. Well if this is true, and if there are only a half or three quarters as many classes, shouldn't there be a proportionate reduction in class size? However, both arguments seem to overlook the ideal that the Plan calls for: a new philosophy of education, and that manipulation of statistics misses the point.

Although by examining the population lists some general trends of increased size can be found, it is up to the students to decide whether these increased class sizes (or even those that have remained the same size) is adversely affecting their education here. It might also be worth your while to examine your instructor's availability outside of class. It is recommended that you contact your instructor on the matter before the end of Term A so that he can bring such information up in the evaluation period next week.

## E.S.: Change In Name Only?

by Nora Blum

Are the Engineering Science courses merely slipping a new cover on a volume of the same old material? A dichotomy is the answer, as the concepts involved are the same while various changes have been introduced in the approaches.

Prior to this year, engineering departments offered their own brands of Statics, Materials, Dynamics, Fluid Mechanics and Thermodynamics. Recognizing that the basic concepts in each area are the same, an attempt has been made to consolidate each subject in an engineering science course. This would hopefully produce two benefits: 1) students would learn general concepts which could be applied to advanced work in any field, and 2) instructors would have more time available for individual or project work.

Thermodynamics is offered under two approaches, macroscopic or microscopic. The first ES3000 is taught jointly by Prof. Borden ME and Prof. Wagner CM and is oriented towards problem solving. ES3001, taught by Prof. Boyd ME, utilizes statistical mechanics in a more theoretical approach to the same phenomena. Prof. Boyd feels the causes of physical behavior must be thoroughly understood before applications are meaningful. Prof. Borden who will teach advanced thermodynamics, suggests that students from ES3001 might need to "do a few problems and learn to

read steam tables" before taking the second level course.

Prof. Kistler ME is presently teaching Fluid Mechanics with Prof. Finlayson ME and Claude Mancel GS-ME helping in the conferences. The class consists of about 40% CM, 30% ME, and 30% CE, making an interdisciplinary approach quite necessary. The choice of text was one of the attempts to compromise the theoretical advocates (CM and ME) with the devotees of the practical (CE and Alden Research.) During other terms, Prof. Finlayson and later Mr. Ferron of Alden Labs will lead the course with the others acting as assistants. Prof. Kistler feels the

E.S. approach is "a good idea as the material is universal."

What used to be Statics and its follow up Mechanics of Materials has undergone two separate extensive revisions. Prof. Anderson ME is offering Introduction to Stress Analysis ES2501 which he hopes will be "more exciting... a combination of stress with force for useful answers." The course is not IPI but innovations in keeping with the Plan, such as no exams and references for various viewpoints, have been introduced. Prof. Anderson supports the E.S. idea because, "At this level, applications don't matter that much. Principles are important."

Con't. Pg. 6, Col. 1



Prof. Borden ME (left) teams with Prof. Wagner CM (not shown) to teach classical thermodynamics. Prof. Boyd ME (right) uses the statistical approach to the subject. (Photo by T. Wimbrow)

## Teaching at Worcester Jail: It Could Be Your Project

by Mike Blazar

Do you realize that W.P.I., in conjunction with the Worcester County Jail and Detention Center, offers students the opportunity to teach prisoners college level courses in the humanities? And that this program is about to end at the close of this term, unless more students become interested?

Doctor Schächterle, of the English Department, is the head of the Teach In at the Worcester County Jail, and Bob Manes, a senior from Phi Sigma Kappa, is the first and only student, at present, who is taking opportunity of this program. Yet, it is open to all students, yes, even the girls. However, a special arrangement has to be made for them to teach.

Dr. Schächterle became interested in offering students from W.P.I. to help teach classes at the jail in 1970. So he and Dr. Hensel wrote a project proposal. After being approved by the faculty and the administration, they got Bob interested in it. Finally, with the start of Term A, Bob began teaching two prisoners every Monday, Tuesday, and Thursday evenings 6:30 - 8:30. At the present time, he has a class of seven prisoners six in their early twenties and one over thirty. Before the prisoners signed up for Bob's course, they had the general impression the course would discuss short stories of the twentieth century. As the course progressed, the prisoners decided

what material they wanted to cover.

After Bob finishes next week, Dr. Schächterle hopes to get other students to replace Bob.

If anyone could fit this project into Term B, or for any term, you can get in touch with Dr. Schächterle at Salisbury 303, ext. 513. Now would be a good time to get involved because you can go along with Bob a couple of times to find out how he operates the class, and can move in easily when he leaves.

Dr. Schächterle strongly advises that interested people take this project for credit, either 1/3 or 2/3 units, because the jail has made it a point that any student who gets involved with this must stick to his schedule and accept full responsibility.

Con't. Pg. 7, Col. 1

Coming This Weekend:

**24 Hours of Insanity.**

Hundreds of Door Prizes, Hot Pants and Beard Contests, Miss Worcester, Marty Barris (Standup comedian from Boston) Flicks and much, much, more...



## Editorial

## Express Yourself

William Houseman, currently editor and publisher of *The Environmental Monthly*, was also at different times the letters editor for both *Life* and *Look* magazines. From the latter experience he came to several conclusions: 1) Practically no one, either of the silent majority or the intelligentsia bother to write letters to the editor 2) Accordingly, those who do tend to become disproportionately important in the eyes of the editor 3) Sluggish as people may be in responding to a story, they can be had. If you want a box car full of mail, run a story on clubbing baby seals to death.

What he was saying is that something has to be outrageous in order to prompt a reaction worth recording. On most issues perhaps only a minority bother to express their opinions, but these are the ones that are heard and so are taken as representative of a larger group. The letters the *Tech News* has received on the seven week term, the students interviewed (page 1, Sept. 26) and the feelings of most of the editors seemed to point out that the new schedule was not wholly satisfactory to many. In order to discover just how prevalent this opinion was (a close to impossible task) an editorial was written utilizing a certain amount of exaggeration to obtain response.

As expected, not many (about 250) signed the petition, but even less expression of enthusiasm was registered. There is a very fine line between finding out that a correctly functioning idea is the best way and making something work. Change, often traumatic, is essential for both, but the type of evaluation provides the difference. The second involves a glossing over of problems, saying, "Don't worry, it will work out in time." The result will be achieved that way because those with legitimate objections and suggestions will eventually realize the futility of expressing them. The second is a much harder way to accomplish a desired result because it involves honest thought and facing the possibility that the new way may not be the best. Natural resistance

to change must be considered, but so must the opinions of those who have been part of both systems and so have a basis for comparison. Making use of the lessons of the past combined with a willingness to adapt to the new, produces change that is worthwhile.

Openness about what is good and what is bad is essential during a period of transition. Those who have discovered effective ways of either presenting or assimilating material should let others know about it. Likewise, things which don't work should also be exposed. Instructors and advisors should take the time to ask students just what is and isn't getting through to them. Difficulties should be talked about, not shut up in a dark closet in the hope of their disappearing. Students should not hesitate to say that things are foggy even after putting in effort at understanding the subject. Praise should also be given where it is due. If a teacher is really coming across to you, tell him about it as perhaps he can share his ideas with his colleagues. When your friends complain about not being able to grasp a course, and it's smooth sailing for you, let them in on your secret, even if it's just a matter of spending enough time in true concentration.

Seven weeks, or fourteen, depending on your viewpoint, are almost over. It is too early to pass final judgment on the seven week term, but it is not too soon to begin a continuing evaluation. So whether you have opinions pro or con or both, express them, and help to evolve the schedule that is best philosophically for WPI and the Plan and practically for the people involved.



## Nixon-McGovern

To the Editors:

In your McGovern-Nixon debate article you criticize Mrs. Sinnott, Nixon's representative, for giving her own positions during the question period rather than Nixon's since she wasn't quite sure what the President's feelings were. I think that this criticism is very



by  
Don  
Lavoie

A tendency has developed in society toward what might be called the Lump Sum Principle, the idea that if everybody contributes an equal fee we can then use the 'lump sum' to disperse to people for whatever it is they want to do. Then if a subgroup of this society wishes to do something new and exciting it merely has to apply for a chunk of the Lump. This makes life very easy for the special interest groups in the society for awhile, until the lump sum starts to run dry. Then there rises up a new plea for more money in the lump, i.e. a higher fee.

There are, as I see it, two major difficulties with this principle. First it tends to resolve in a power struggle between special interests, which in itself is a cause of friction in society. Life in the society becomes a struggle for the biggest pieces of the pie. Those in charge of the Lump are encouraged to engage in (and usually consent to) bribery and special favors. The powerful will start to succeed in this struggle and the more power they have the bigger part of that Lump they can command. The weak will eventually just have to succumb to paying those once-handy-little-fees.

The second difficulty with the Lump Sum Principle is the blatant unfairness of it all. When you think about it, this philosophy is really only a disguise for out and out coercion. Person A pays a fee so that person B can spend it. Now you may argue that Person A has the right to spend person B's money too, so it's all equal. Well, not really, because who spends the money must be determined by the Controller of the Lump. If A's reason for spending is deemed by the Controllers to be inferior to B's, why then A just loses out. In fact if this discrimination by the authorities did not take place there would be no advantage in the Lump Sum Principle in the first place. If everybody got back an equal portion to what he put in, then why put it in? So it turns out that the reason for the Lump Sum Principle is that it forces those who have unfavored causes to pay the way for those who have favored causes. Whenever a Lump Sum System is put into practice its result is the same, taking from one group to give to another.

growers, the Laotian and Thai mountain tribes, through the C.I.A. I find that Mrs. Sinnott is well justified in not knowing the President's position, but I find it hard to believe that she calls Mr. McGovern inconsistent on some issues. While McGovern may shift his positions too often, this hardly compares in inconsistency with Nixon's policy of saying one thing and doing another.

Unsigned

To the Editors,

In the last issue of the *Tech News* there was a piece on the "Nixon McGovern" debate. I wish to answer some of the criticisms leveled.

The two spokesmen were not of my choosing; they were the choice of the campaign organizations of Worcester. Both sides were informed of the knowledgeable supporters' billing.

The socialist workers were not invited because they are only on the ballot in a limited number of state. This debate was to be on national issues and the socialist workers are not a national party. There are other third parties which were not invited.

Sorry if the debate did not live up to what you thought it would be. Next month I will try to have a better balance of speakers and the format calls only for a personal opinion.

Scott Phillip Wilson  
Debate Coordinator

## Truth?

To the Editors:

Listen, when are you going to stop implying that you speak for the entire student body? When are you going to stop writing and printing ridiculously biased articles, and then causing confusion by expressing them as sheer truth? Soon, I hope. It seems as though your articles are printed with the sole purpose being to offend and

## The "Lump Sum Principle"

Lump Sums tend to grow, the surest and most common example of this is the phenomenon of taxes. The reason Lumps grow is that the special interests are running over each other to convince the Controllers of how much in Need is their particular cause. Hell, if all you have to do is ask for it you may as well stubbornly ask in the most convincing ways possible. Witness the numerous special interest Lobbies in Washington. It's become a way of life.

In contrast to the Lump Sum Principle is what I'll call the Free Exchange Principle. In this system a person never pays for anything except that which he freely decides is worth the money on his personal scale of values. No controller of the Lump has to approve his expenditures. No person can force him to pay for other people's pleasures although he is free to do so if he pleases. He isn't subject to the decisions of the powerful as he would be in a Lump Sum Society. He does what he wants but he pays the price himself rather than force other to do so.

To live in a Lump Sum Society the individual must allow authorities the power to control a part of his life, to make him conform to common "societal" value judgments rather than his own. Normally most people in the society suffer to the benefit of the powerful few.

The problem is that once an L.S. society is instituted it is very difficult to change. The powerful are very zealous of the wealth they've forcefully obtained from the weaker members of society. They are very careful to protect their special privilege and they usually possess the power to do so successfully.

But the worst part of the problem is the way so many individuals who face these mandatory fees passively accept it as necessary. It isn't. Freedom is more fair and beneficial to more members of society, historically, than any other societal philosophy. And freedom is a noble cause for its own sake, a cause that could use more defenders.

oppose. You should implement your power as a newspaper by bridging the reader to reality through fact, not through your viewpoint. So show it.

Scott Petti  
Daniels 411

## ED. REPLY

Your naivety about the role of a newspaper is surprising. It is true that one of its functions is to report the news, which we try to do in the most accurate way possible. But a newspaper should also comment upon issues and try to analyze the situations it has reported. Hopefully, this causes people to reflect on and to question events.

A newspaper also expresses opinion, through editorials and signed columns, in the hopes of prompting discussion and discovering what its readers think. These are clearly labeled the opinion of the columnist or of the editors who agreed with the editorial and are in no way meant as an expression of the opinion of the whole student body. We publish all letters received and welcome any student's literary efforts in fair exchange. This interaction is what we would very much like to see.

The 7 week term is an issue which we have brought up simply because we have heard so much adverse opinion from both faculty and students. We believe that the Plan is good but that the 7 week term MAY not be the best method for learning under it. Criticizing a means does not negate the philosophy or the intended outcome.

The whole idea of the editorial was to express what seemed to be a prevalent feeling and the petition form and letters column are a way of finding out how the majority of students feel. We weren't trying to dictate, but to question.

N.B.

STUDENT  
GOVERNMENT  
MEETING

Thursday,  
October 19,  
7:00 p.m.

Library Seminar  
Room

## AGENDA:

- \* Constitutional Changes
- \* Ex-Officio Appointees
- \* Student Gov't Office Staffing; Hours
- \* New Student Clubs
- \* Freshmen Class Elections

## The Tech News

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No. 6

NORA BLUM  
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# Reactions To The 14-Week Term Editorial

To the Editors,

Personally, I think it was wrong for the Tech News to come out with the petition against the seven-week term at this time. Like most things, the seven week term needs time to mature and make changes; it is still in its embryonic stage of development, and I agree it isn't perfect. I feel, though, that we still should give it a chance. Most things don't work the first time around; (ever write a computer program?) but gradually, by change, the bugs are worked out.

I've talked to students on this subject, and it seems that the ones against it most are those that just don't want to work; so why did they come to Tech in the first place? Granted, there are some students that do work but can't keep up. But would they do that much better in the fourteen week term? I think not.

Summation: give the seven week term a chance (at least a year), then let us make our evaluation.

T.A.J.M. '75

To the Editors:

This letter is written in response to the unfortunate and inaccurate editorial in the October 10 Tech News advocating a return to 14-week semesters. The 7-week calendar is not a creation of the administration, but was voted by the entire faculty. The new calendar is frankly experimental offering many educational advantages, among them an increased fraction of a student's time available for project, independent study and research work, concentration on fewer courses at any given time, and increased flexibility in planning academic programs. Many of the potential advantages have materialized and, as a result, the 7-week calendar enjoys considerable support from many faculty members and students.

This is not to say that there have not been problems with the first 7-

week term. On the contrary, the problems have often seemed endless. However, with the combined efforts of students, faculty, and administration, many of the most severe problems have been resolved. Many problems still remain, but it seems at this time that, with a little effort and patience, all of these can be surmounted. Of course it may be that, on balance, the disadvantages of the 7-week terms will outweigh the advantages. The college has no long-range commitment to any particular calendar, and, after careful evaluation, changes may be made. It must be apparent, however, that no evaluation of any sort can be made before the first 7-week term is even over. In fact, given the nature of the changes, some time must be allowed for smoothing out the rough spots before a fair trial can begin.

Perhaps the most disappointing aspect of the October 10 editorial is the evidence that it presents for WPI's failure to educate its students for the challenges of the future. It is difficult to be optimistic about the future of individuals whose considered reaction to change and unfamiliar circumstance is panic and more than a little hysteria. Perhaps the only thing likely to be constant about the future is change. If we are not prepared to face change with equanimity in the sheltered academic world, we will certainly not be prepared for the non-academic world.

Change is never entirely pleasant for anyone. Everyone on the WPI campus, including students, faculty and administration, is running a little scared with the new experiences. Only time can cure this. The faculty and administration are extremely receptive to constructive suggestions and criticism, and in most cases are ready to react instantly to resolve

problems. Students have helped substantially by registering their specific complaints with the appropriate individuals. With these kinds of effort, and with a little sense of humor, we can over the next few months make a fair and objective analysis of the new calendar.

Ralph C. Bowden  
Carl C. Clark  
Frank D. DeFalco  
Donald C. Eteson  
Thomas H. Keil  
Joseph R. Mancuso  
John W. Meader  
Merl M. Norcross  
Nicholas L. Onarato  
Alfred A. Scala  
John H. Sistare  
Scott Wells

The above are all members of the WPI Faculty Curriculum Committee.

To the Editors:

We believe your attack on the 7 week term was unjust. The 7 week terms were only initiated this year. Granted changes are difficult to make, but aren't you judging the new system too early? If the world remained unchanging, we wouldn't be where we are now. Some changes aren't good, but it takes more than 5 weeks, maybe even several terms, to fairly judge whether it is good or bad.

Stephen Fitzhugh '75  
Stann Chonofsky '75  
Joseph Kwiatkowski '75  
Penn L. Pixley '75

To the Editors:

The seven week term is but one of the many new elements we've encountered during this extreme transitional period at WPI. While all of us are developing opinions and ideas about the effectiveness of the PLAN, the Editors have already concluded that the seven week term must go. In my opinion this is a rather hasty and premature judgment.

In changing any physical or social system, an inherent inertia must be overcome during transition. Pg. 6, Col. 1

## Letters cont.

### ME 1313

To the editors:

I would like to promote the "virtues" of a course entitled DESCRIPTIVE GEOMETRY, ME 1313. It is interesting to note that this course has survived the ravages of time better, perhaps, than any other course in the engineering curriculum. As a matter of fact, it has been given here at WPI and in most other engineering schools across the nation for over 50 years. Naturally, any number of significant changes have been made over the years particularly dealing with concepts related to modern problem applications. The course has never been more relevant to modern day technological needs than now.

If all WPI faculty advisers were design engineers (and students followed their advice) there would be little need for a letter such as this. Most design engineers eagerly agree that Descriptive Geometry provides them with an extremely useful and vital tool which they use almost daily in their work. If your career is aimed at design (in any discipline) you may wish to consider taking this course.

Now some quick facts. There is a general description of ME 1313 on page 101 in the Operational Catalog. 1313 is offered terms B and D. Professors Staples, Corey and Yankee will be happy to discuss this course with you. A course description for ME 1313 has been prepared on video-tape. It is available in the Library. Each Wednesday lab consists of three parts: review, quiz, and lecture/demonstration. Monday and Friday labs are used for individual help. There are no pre-requisites. Course changes may be made by consulting your advisor.

H.W. Yankee

## Communication

To the Editors

During this time of change with accompanying stress, it is more important than ever to maintain frank and open lines of communication between everyone involved in the educational process. Frequent meetings have been set up, for example, with resident advisors and a newly formed group of fraternity Academic Representatives. The groups have been meeting usually bi-weekly with Dean van Alstyne, Dean Frask, myself and others to discuss the problems of Plan implementation.

It has become increasingly clear, however, that one very important link in our communications picture is missing: direct student to faculty conversation. Time and again situations arise when it becomes apparent that students are extremely unhappy about some aspect of a course or its presentation and yet never talk to the professor about the matter. I think we have to recognize that every member of the college bears a degree of responsibility for its operation. While it may be natural to complain to friends about unsatisfactory situations, it is only if the professor himself is aware of the problem at the time that the problem exists that he has a chance to remedy the situation.

While there are many problems that cannot be remedied on the spot, there are also many that can be alleviated or averted if the professor is aware of the concerns of the students. A frank and open atmosphere where students are willing to approach professors directly with their suggestions and complaints can go a long way towards giving professors a chance to respond to situations about which they may not be fully aware.

Sincerely,  
William R. Grogan

## Crossfire Replies

Dear Mr. Meyers,

I'd like to thank you for your very intelligent critique of my apparently somewhat sloppy articles on Student Government and Tech News. There were, as I take it, three points. First, I concede that it is indeed logically consistent to disagree with Tech News and not want to join the staff. It was a parenthetical thought thrown in, I confess, too hastily.

Secondly I resent the charge that I'm merely trying to be controversial. I write in my columns only what I firmly believe, and this is totally independent of student reactions to my ideas. If most students find, these ideas unpopular, or strange, or controversial, it is at worst unfortunate, but to achieve such a result is by no means my goal as a writer.

Thirdly, and most importantly, there is your point that the school is not breaking its contract with the student since the school tacitly approves of all expenditures of tuition money. With which, you may be surprised to know, I agree. If the Student Government was spending tuition money without the approval of the administration we'd be talking about grand theft of \$38,000.00. I was arguing on philosophical and not legal grounds. This delegation of authority by the administration to a student government is a mistake on the part of the administration. Because our contract is with the administration it ought to be the administration which directly controls where the money goes. I apologize if this point was not made clear in those two articles. And again I thank you for reading and responding to my column.

Signed,  
Don Lavoie

To the Editors,

One hallmark of a good engineer is his ability to generate and profit from feedback from his creations. Students, faculty and administrators alike assured one another two years ago that all aspects of the PLAN would be carefully and objectively evaluated on a continuing basis. I am concerned, however, at an attitude I have encountered in some WPI circles recently which rejects out of hand any criticism of the seven week term. Faculty critics are labeled as old fashioned, unable to cope with change, or wedded to the "fourteen week philosophy." Student objectors are accused of being disorganized, lazy, or overresponding. It is claimed that complaints are premature and that we should passively give the new arrangement a year before we judge it.

I maintain that we should consider ourselves in a constant state of change and be ready to respond quickly to legitimate requests for procedural modifications. Quite apart from some of the frustrating but relatively unimportant transitional details, which will surely be corrected soon, there are serious challenges to the theories that all courses can be beneficially shortened to seven weeks and that students can really derive great benefits from studying only three courses per term.

It is the nature of some course material that reflection and repeated mental review are needed for the transformation of the concepts into useful knowledge. Surely we have all had rewarding insights days after wrestling with a problem and often while thinking of something else. This ability of the sub-conscious to sort out and collate stored bits of information is an important part of creative and learning processes. It may be severely hampered by the pressures of the seven week term.

The saturation factor ought also to be considered. The ability to sustain efficient study of a given single topic for long time intervals probably varies greatly with the individual. With fewer courses a student may be able to study a particular assignment for five hours on a certain night instead of only three as before, but will the last couple of hours be adequately rewarding? A faculty member working in his own area of choice should not equate his attention span with that of a student with less motivation and sense of direction.

There is presumably a happy medium between a student being spoon fed lecture notes and the inefficiency of his learning entirely on his own. We are in the process of trying to find the optimum balance for the majority of our students, and it behooves us to reject evidence simply because it is coming in early and with emotional overtones. If large numbers of WPI students find the new system is less productive than the old, we need to quickly determine the reasons and respond appropriately and promptly.

Some project activity may benefit from the seven week term just as some of the curriculum may benefit. Other projects may be destroyed. A student entering an ongoing research effort may realistically require several weeks to reach the point of being a functional team member. Often equipment limitations or physical constraints preclude speeding up the orientation process, and the seven week restriction can thus eliminate such a project for a student who cannot be sure that he will be able to elect it for two or more consecutive terms.

The concept that we must stick to our present seven week arrangement or go back to fourteen and abandon our high goals is a fallacy. The number of viable alternatives is limited only by our own ingenuity and the rigidity of our registration and record keeping procedures.

My appeal is that we maintain our spirit of innovation, evaluate criticisms promptly and maintain flexibility of action.

If we insist on waiting a year before admitting that some objections may be valid and some serious mistakes may have been made, the student and faculty apathy induced by then may well corrode the feedback mechanism beyond repair.

L. C. Wilbur  
Prof. of M.E.

## Food Committee Acts

The Food Committee of the WPI Student Government met with executives of Wilbur-Servomation last Thursday to discuss possible changes in the food service operation at WPI. Present at the meeting were: Ken Makowski, Food Committee chairman; Mr. James Tsikas, Food Service Manager; the Wilbur-Servomation District Manager and one of the company's Vice-Presidents; Dean Trask and members of the Food Committee.

Some complaints were corrected practically on the spot. These complaints dealt with preparation of certain foods, deficiencies in certain menu offerings, shortages of drinks and condiments during meals, and the like.

After specific situations were corrected, the meeting turned to more general operational deficiencies. It was decided to change breakfast hours to accommodate late-risers. A proposal was made to consider other methods of payment for meals so that missed meals might not be a financial burden to the students. After considerable discussion, it was determined that this would be almost identical to our present system with respect to total cost.

The problem of food theft was also discussed. The committee members were reminded that food is not to be taken from the cafeteria. This regulation is in keeping with local health regulations. Last year's total theft figure for the food service was enormous and cost each student a good deal of money, deducted from room damage deposits. For this reason, students were reminded that theft of silverware, plates, glasses, etc. results in a financial burden on all. Mr. Tsikas expressed the hope that such loss would be minimal this year.

Next was the topic of meal lines. It was determined that the soda machines may be a major contributor to the tie-up; subsequently, a decision was made to place them in the cafeteria dining area to ease congestion.

The problem of noise in the dining hall was discussed as a subtle but major problem. It was determined that a study might be made of the acoustical structure of the dining hall and dish-cleaning room.

In conclusion, it was determined that problems arising in the cafeteria do not receive appropriate action because they are not reported immediately. For this reason, the Food Service, in cooperation with Student Government and the Food Committee, is considering the creation of a new position in the dining hall; that being of a Hostess, who will present at each meal to make personal observations regarding food quality, service, efficiency and the like, as well as to register comments and complaints of students regarding specific foods, menu varieties, etc.



THE GREEK CORNER

IFC Marathon To Begin Friday at 8

The Interfraternity Council is sponsoring the 2nd Annual Marathon Basketball Game starting Friday, October 20, at 8:00 p.m. The game will be played in Tech's Harrington Auditorium. All of the proceeds from this event will go to the Greater Worcester United Appeal. Last year \$1500. was raised during the 24 hours. It is hoped with the added support of The Worcester Community that this sum can at least be doubled.

The admission will be fifty-cents at the door and every paying person will receive a numbered ticket. The half dollar coupon will be good for the grand prize drawings and every half hour drawing. Ten cent tickets will be available inside the gates and they will be used for all of the half hour drawings. Ticket holders must be present in order to win at any one of the mini-drawings but anyone may win one of the several grand prizes to be drawn at the conclusion of the games on Saturday the 21st at 8:00 p.m. To give an idea of just how far your money can go, last year some of the mini drawings included a \$25 gift certificate from Strand's Ski Shop, a free tune-up valued at \$30, a life-time supply of envelopes, a thermos kit, ladies wallet, record albums, zippo lighters, transistor radios, movie passes, dinner for two at Webster House Restaurant, and two dinners at Putnam & Thurston's. These are only a small fraction of the half-hourly prizes given away. The grand door prizes included, a television set, BSR turntable, one week at a Health Spa, a man's watch, and a ladies' onyx necklace & earrings.

All of the prizes are donated by local merchants, alumni, faculty and students. Presently, each fraternity house is covering a section of the city and soliciting gifts for the event. Last year, an average of ten prizes were given away every hour and we'd like to double that too.

The teams will consist of the I.F.C. members versus any possible combination or conglomeration of talent, beauty, or muscle. Any group may sign-up for a time slot by following the instructions being

circulated on posters around the campus and at other colleges.

Unlike last year play will be stopped at various intervals for a number of events, some of these include: Debbie Spencer, Miss Worcester County judging a man's hot pants contest, nicest mustache, and beard contest. Marty Barris, a stand-up comedian from Boston, will entertain; at 3:00 a.m. Saturday, W. C. Fields and Three Stooges movies. Also Trivia and Scramble word contests throughout the game, a paper airplane throwing contest — farthest throw; slave auctions, a cake sale, a folk singing group, and a foul shooting and dribbling contest.

All students, faculty and friends are asked to participate in some way, so that the school can make another good-sized contribution to charity.

Any questions, ideas, and gifts, please contact either Dean Trask, Student Affairs; Bill Delphos, Daniels 322; or Steve Baum, Daniels Head R.A. Room.

Be watching for announcements of other events! Remember it's Friday night at 8:00 p.m. and it's for the United Appeal!!

#### THETA CHI

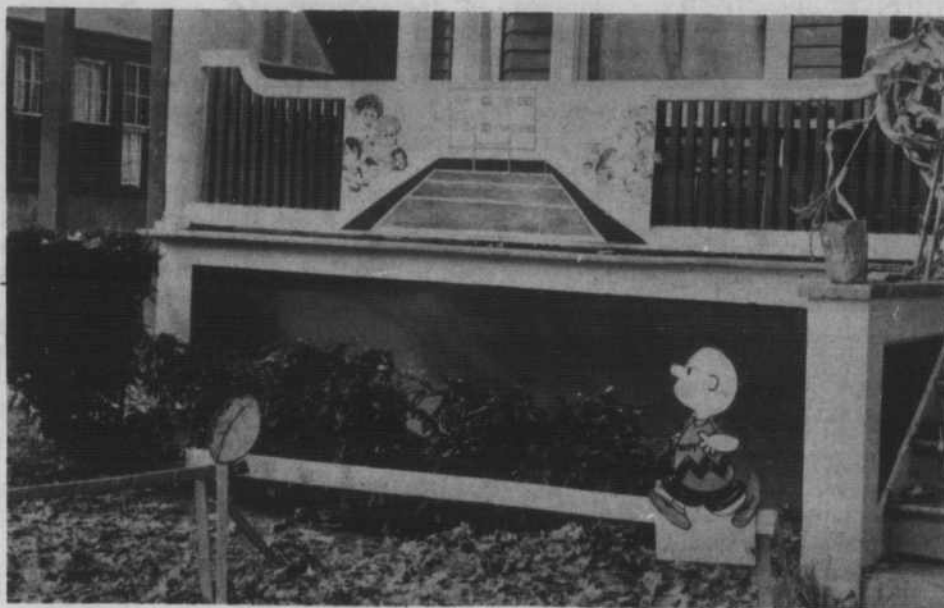
Last week, on Tuesday, Wednesday, and Thursday we had an open keg which helped us meet some of the freshman. We extend an invitation to all of those who attended and also those who were unable to attend to feel free to stop down at any time. Wednesday night, Oct. 18, we are sponsoring a casino night here at TC at 8:00 p.m.

We have recently acquired a very fine pool table and have finished restoring and assembling it this weekend.

The Theta Chi's crack (ed) basketball team, riding on the crest of a four year unblemished record in IFC competition, is warming up for the Marathon Basketball game. After the game Theta Chi is having a party at 8:30. It will be open to all WPI students including the class of '76. The volleyball team is riding a two game winning streak.



TC congratulates Tech on its win over Bates.



One of the many homecoming exhibits created by the houses.

## I.M. Volleyball

Intramural Volleyball has entered its final week with three teams in each division still scrambling for the second playoff spot. In the Salisbury division SAE, Sigma Pi, and Daniels 2B have all lost only two games. SAE has completed its season and is assured of at least a tie for second. Daniels 2B and Sigma Pi each have two games remaining, one that will match them against each other.

In the games played in the Salisbury division last week, the Nix kept their unbeaten record intact with three victories, including a crucial victory over SAE. The Nix have only one game remaining and should finish the season with a perfect record. Sig Ep was knocked out of contention by losing to TKE and SAE, but still is a factor in the standings as they beat Daniels 2B and still have a game remaining against contending Sigma Pi.

The Boynton division also has three teams contending for the last playoff spot, with one of them, FIJI, having a chance of tying for the first spot. KAP is the only team in the division without a loss, but FIJI has dropped only one game and both teams face each other this Wednesday. The other teams are Higgins and ATO and undefeated KAP, but the Higgins' team surprised ATO by beating them before they could meet KAP. The KAP then crushed ATO 15-1, 15-8 in their match and added another easy victory over Morgan 4 in the week. The GAM played only one match as they defeated LCA.

This week then will have several matches which will decide who will make the playoffs. The two biggest games will be KAP vs. FIJI on Wednesday at 5:00 and Sigma Pi and Daniels 2B, also on Wednesday.



## I.M. Volleyball Standings

### SALISBURY LEAGUE

	W	L
Nix	10	0
*S.A.E.	9	2
Daniels 2B	7	2
S.P.	7	2
S.P.E.	6	3
T.K.E.	5	4
Subsonics	5	5
D.S.T.	3	6
*A.E.P.	3	8
Riley 3	2	7
Daniels 3	1	8
*Daniels 2	1	10

\*Season Completed

### BOYNTON LEAGUE

	W	L
P.K.T.	9	0
P.G.D.	7	1
A.T.O.	7	2
Higgins	7	2
L.C.A.	5	4
Turkey	5	5
Morgan 4	3	6
Morgan 3	3	5
P.S.K.	3	6
T.C.	2	7
Gladstone	2	8
Russians	0	7

Any individual or group willing to be auctioned off to do anything during The Marathon Game please contact

DEAN TRASK  
Ext. 201  
of  
Jeff Korn  
757-9308

Service bought at the game need not be claimed immediately as times will be arranged.  
Thank You



# Homecoming Weekend 72

## Review

by Gary Golnik

Sha Na Na was amazing. Even sitting in the last row of the highest seats, you were caught up by their charisma; transported back into the '50's. The songs? Remember "Tell Laura I Love Her," "Pipeline," and all the rest? The audience was completely turned on. Whether their memories were of the '50's, or the rock revivals of the early '60's, they remembered. People sang along, clapped, cried, and laughed, as they thought of the songs and the memories that went with them.

How often does a group get three encores? You guessed it. The only reason the crowd let Sha Na Na leave was that they were completely exhausted by the length of sustained enthusiasm that the group generated. After three encores, hands were too tired and sore to clap any more; and the group probably couldn't have continued either.

Leaving Harrington, singing the songs again, remembering the excitement, you had that strange feeling that you get after a great concert: drained, a little down because the feeling is over, but happy.

Saturday night's mood was much more subdued. Less emotions, more wine and laughter. Whole Oats led off the show, and after



Sha-Na-Na playing to a capacity crowd in Harrington Friday night. (Photo by C. Moore).

some initial problems (their only passable music drowning out their fine voices), they got straightened out and put on a good show. The lyrics were fine, their voices superb. Somehow, though, the mood just wasn't right. I guess they were just too loud for the relatively empty auditorium.

Albert Brooks was the main part of the show: in time, talent, and effect on the audience. One of his routines dealt with the effectiveness of the use of the word "shit" in combatting a hostile Texas audience (Brooks, by the way, thought San Antonio was "the asshole of the world," an honor more usually attributed to a city much closer to home).

Brooks' only bad routine involved a ventriloquist

who wasn't, really, done by a comic who unfortunately wasn't either. The rest of his show made up for it. I don't think that anyone who was there will soon forget the Texas crowd's "Ri-chie . . . Ri-chie. ! Ri-chie!" Neither, for that matter, will Brooks.

Above everything else stands the fact that Brooks was a professional. Like Sha Na Na, he had the aura of someone who's made it; who isn't fighting to keep his act together; and who puts on a good show.

Last, and unfortunately, least, was the Proposition. Their improvisations were amazing at times in their ingenuity; but they weren't smooth, as only a planned, well-rehearsed act can be. I doubt if Saturday was one of their better nights.

## Review

by Gerald Forstater

"How was the concert?"

"What concert?"

When you see a group like Sha Na Na you invariably think that Broadway just stepped into the Robin Roberts bobby socks you wore to the show. Flashing back to the fifties held a close spot to many in the audience (including the guy with a chain around his arm and the girl wearing a teeny-bopper Tech sweater).

To start the rally, The Fabulous Rhinestones appeared, who were all but fabulous. Five men playing various percussion, organ, guitar, sax, and bass. And what bass! Using a Fender Fretless bass — which is probably the most difficult to play — Harvey "Freebo" Brooks can handle anything from blues to trippy rock. Formerly with Philadelphia's Edison Electric Band, and playing bass for Bonnie Raitt on her new album, he most assuredly joined — or formed — the group, for reasons beyond my comprehension.

They're gonna "kick your bloody asses" said Sha Na Na's 40 year old producer Jeff Barry. And they did: crashing on stage as you would expect twelve beings ranging from 7' tall, 170 pounds, to 5'5", 350 pounds, they played with the crowd by charading the '50's in the '70's. Three front men with buttery buttocks, hairy pits, and not to mention hair styles that rent-a-cops love to pull when you're busted.

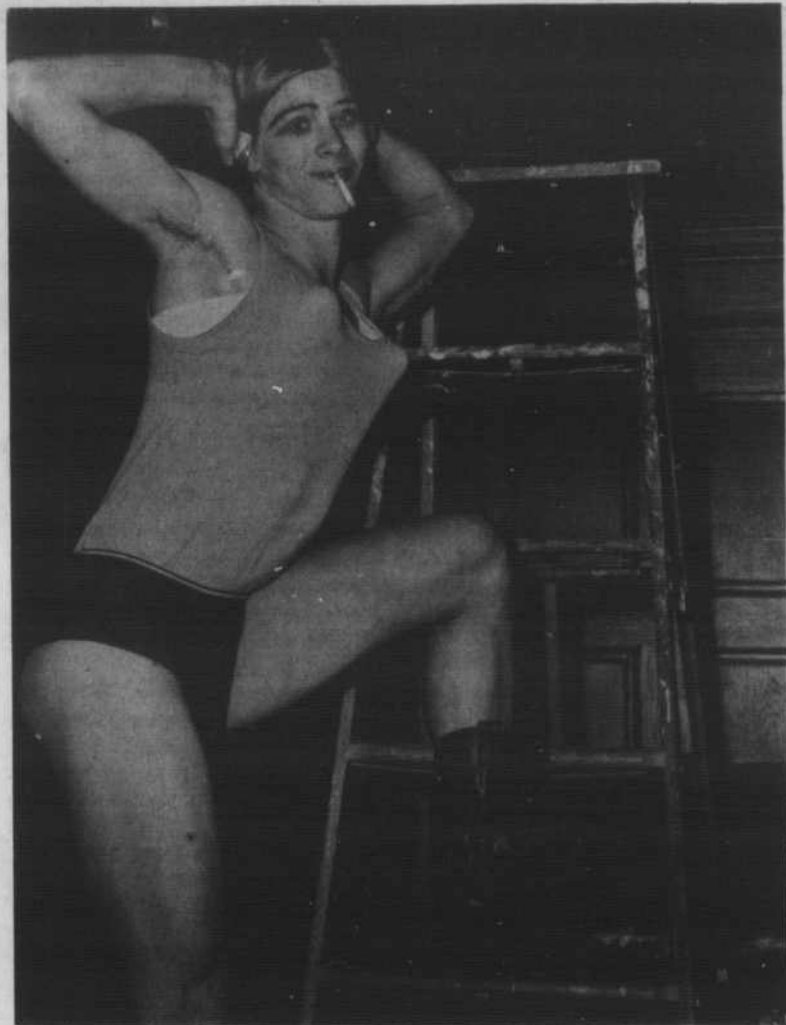
Yes, the grease was flowing, the love enchanting, and the memories actually dancing on stage. Num-

## U.M.O.C. Results

The annual Ugly Man on Campus Contest was held this Homecoming weekend. Of the 14 beastly participants, Steve Olson, M434, was voted without any doubt, the ugliest, with 749 votes. Glen Richardson, SAE, placed second with 461. Third was Paul Houlihan, PSK, 364, fourth, Jeff Tacconi, DST, 235. The winner of the drawing held at the ten o'clock performance of Klute was Steve Gregory, M430.

Donations totalled \$208.09, highest total in Tech UMOG history. Subtracting \$15 for Olson and \$10 for Gregory, we have a net gain of \$183.09. A check for that amount will be presented to the American Cancer Society.

Alpha Phi Omega wishes to commend all those who helped in this worthy cause, houses, independents, staff, and alumni alike. Also, of course, many thanks go to all those who participated.



Steve Olson of Morgan 4th was voted the ugliest man on campus. His efforts were rewarded with \$15 as well as knowing the U.F. benefited.

(Photo by K. Lang)



All segments of the student body were represented over the weekend. (Photo by B. Tarr)

Last chance to change those stained sheets you've been saving all term, this Monday, October 23 from 4 p.m. to 7 p.m.

bers like "Tears in My Pillow," "Jailhouse Rock", "Whole Lotta Shakin' Goin' On," and the one that sets our hearts crying: "Teenager in Love." We even saw some real musicianship when they played an old Ventures tune, note for note — far out!

In the second encore — of three — the pianist spoke to a select class in the audience in a manner which would even bring a frothy grin to our President. Leaving just enough out, he expounded the statement: "Just one thing I want to say to you f---ing hippies. . . rock and roll is here to stay." At that point the crowd shook and knew just why they came to see Sha Na Na.

I will never again believe the definition of success after indulging in the reminiscences of my childhood. I can just say I'm glad I left my hound dog home on that seilout evening of October.



For just \$1.95 you too could have tasted the delights of Morgan Hall! Those poor unsuspecting alumni... (Photo by K. Lang).



# Kenny Loggins and Jim Messina

Kenny Loggins and Jim Messina will be here right after we come back from term break. For those of you who know of their album "Sittin' In," their performance will need no introduction. For the others...

Jim Messina is probably the best known member of the group. He played with the late great Buffalo Springfield, and then went on to help found Poco. If you don't know about them, give up! Kenny Loggins is a fine musician and vocalist. His previous band was Gator Creek (?).

To quote from *Billboard*, "Their sound is of the new breed of country rock, rural songs played without any element of condescension or embarrassment."

## E.S. Courses

(from page 1, column 3)

ES2101 was evolved by Professors Chalabi, De Falco and Fitzgerald, all of CE, with Prof. Hammond ME assisting in the teaching. Prof. De Falco explained, "This is a brand new course and doesn't replace any single course. It combines elements of Statics, Mechanics of Materials, Structural Analysis and design." Prof. Fitzgerald added, "We've reduced repetition and tried to have the student see how the whole picture fits into design." As for the course being E.S., De Falco said, "It fits the needs of any designer at the elementary level." This course is IPI and as the content is quite comprehensive, involves considerable student effort.

Although not the subject at hand, the Professors interviewed could not help commenting on the seven week term. Prof. Kistler called the change "quite a jolt" while Prof. Boyd stated the need to "cut back material." Prof. Fitzgerald referred to the 40% reduction in class time as "significant for more traditional courses." Prof. Anderson said, "It's fine for me, but I don't know about the students." The general attitude seemed to be "yes, but..." As with any change, time is felt needed to adjust and the elements not working quite right must be corrected.

## Reactions

(from page 3, column 3)

sition. In WPI's case this exists for student, faculty and administration. Study and learning habits, lecture and teaching techniques, administrative methodology, these have all evolved over many years and cannot be changed overnight.

I contend that many of those "things which have been slightly chaotic" could be a result of transition and we must allow closer approach to a steady-state before conclusive evaluations can be rendered.

The short-sighted approach taken by the Editors is analogous to downgrading New York City solely because we've encountered rough weather on our flight in.

Stanley D. Weinrich  
Chemical Engineering

The two lead men are backed up by two horn players, who are alternately called "a great plus" and "powerful stuff." And one of them plays a mean country fiddle!

A few things have yet to be worked out, so watch for details when we get back. And don't complain there's nothing happenin'!

G.G.



Loggins and Messina

## Review-

# Seeing!

Look around. Look up, look down, look at. It's there, right there, looking back at you. What is it? Forms, shapes, things. An ecology of seeing.

Leon Shulman, of the Worcester Art Museum, presented a program at the Higgins Estate on Monday night. He opened by discussing a group of beakers which Professor Weininger had brought along, and went on to a slide of a Florence flask, stressing the simplicity of the design of the objects, their utility, and the beauty of their forms. Mr. Shulman's slides presented a wide variety of objects, from a drawer full of laboratory glassware, through a chair, to the new library of the Art Museum, to a Mobil sign high above route I-290, and finally to a dead tree plastered with political banners and signs. In all of his talk, he stressed the fascination of looking at things, of perceiving, in ordinary everyday things, objects of interest.

To Shulman, a turret-lathe is fascinating, because he sees not only the piece that the operator is making, but the whole machine; while the operator is so used to his machine that he sees nothing but the piece. While Shulman obviously doesn't know of the opportunities for beauty in simply looking at one piece, he has a valid point; we often ignore real beauty in our everyday life because we are too familiar with, or simply ignore, much that we see.

The next time that you have a few minutes, take the time to

## Review-

# Anson Mount

by Nora Blum

Mr. Anson Mount, in spite of his rather frequent denials, appears to be as much a public relations director for male chauvinism as for *Playboy* magazine. Just how many of you male readers of the magazine find the Playmate of the Month "more erotically appealing," as Mr. Mount put it, because you read that she has a pet turtle, aspires to be an actress or had a difficult childhood? How

many of you even bother to read the revealing biography accompanying the pictures would be enlightening to know. It's certainly not the text which you hang on your wall.

Speaking at the Higgins House the evening of October 9, Mr. Mount revealed another rather surprising fact. "Playboy has done more to promote women's freedom than any other institution." The reason for this is that, "In this country, sexual freedom is women's freedom." In his thinking, many women his age "have become warped...because they are not free as men are 'to sew wild sperm'." When sexuality became the sum total of personality, ability and potential and when one standard of sexuality became the norm for all individuals, it would also be most interesting to know.

Mr. Mount, in one of his rare moments of truth in looking at the sex in *Playboy*, asked, "What's wrong with appreciating physical beauty anyhow?" Nothing, Mr. Mount, as long as it's acknowledged as just that and not falsely labeled "getting to know you" or a positive step forward for women's liberation.

The history of the magazine and the growth of the "Playboy Philosophy" were also recounted by Mr. Mount. Mr. Hefner began the magazine as a rebellion against a "sexually repressive society" by attempting to spoof Puritanism. It was intended to be entertainment

for men and as such would try to lightheartedly treat wining and dining, sports, music, cars, women and the other interests of men in their twenties. Begun in 1953, no serious content appeared for six years. 1959 brought an editorial denouncing nuclear testing in the atmosphere and 1960 an article about the growing Black activist movement.

Around this time, the magazine also drew serious comment from theologians. It had always been considered outrageous in the South, but two articles written around 1960 in religious magazines greatly increased the attention given it by clergymen. One Methodist minister examined back issues and evolved what is called "the Playboy Philosophy." This was followed by a Lutheran theologian who praised the rebellion against Puritanism while condemning the negative/sexuality arising from regarding women as objects. As *Playboy* had never spoken out on these and many other serious issues and as the mood of readers had adjusted to be receptive to this type of expression, Mr. Hefner decided to reveal exactly what the "Playboy Philosophy" was. Intended to be covered in one editorial, this ideological expression eventually took 25 months, the first 18 consecutively.

This speaking out on such issues as abortion reform, repeal of birth control laws, changing drug laws, equal opportunity employment, and the rights of adults to private consensual sexual activities led to a "putting of money where the mouth is" by *Playboy*. A foundation was formed which provides funds to back in court cases which even the American Civil Liberties Union won't touch. This foundation sponsored such court battles as the successful attempt of Bill Baird to have the Massachusetts birth control laws repealed.

Over the years, *Playboy* has evolved to contain a balance of serious content and levity. The interview is most widely read each month followed by the Party Jokes. *Playboy* is also a highly successful magazine as it has the eighth largest circulation in the country and a full page ad appearing in all editions now costs \$50,000.



Anson Mount of *PLAYBOY* stands with Joyce Caplovich of the Assembly Committee after his talk last Monday

(Photo by K. Lang).

Wait

Until Next Year!

— Gladstone

# Springfield College Gymnasts

Gymnastics is an old sport, but interest hasn't seemed to grab the sports fans of the United States. The Springfield College gymnastic exhibition team is one of those rare animals in gymnastics, a team which usually plays before packed houses. This team will perform Tuesday, Nov. 7 at 8 p.m. in Harrington. Tickets are \$1 for WPI students, \$2 for others.

The team has a great reputation, built through 60 years of performances throughout the Eastern section of the United States, and a

performance in Mexico and Puerto Rico.

And it's no wonder. This group of young men and women combine athletic ability and showmanship into a two hour show that guarantees to make gymnastic fans of at least 90 percent of the viewers.

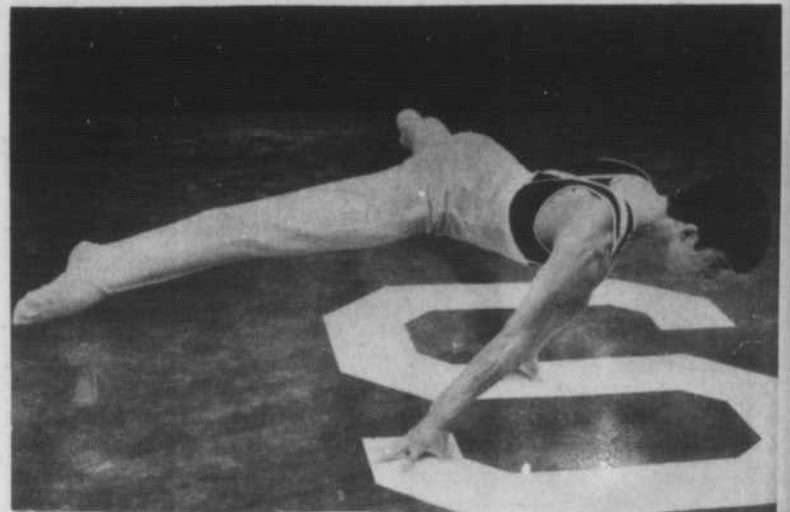
The team is scheduled three to four years in advance, and repeat shows in one locale are rare because of this.

Springfield has some of the finest gymnasts in the country. Also due to showoff are the clowns, who

offer some comedy to relax spectators midway through the breathtaking show.

Added to the straight gymnastics and the clown routine will be the tableaux, a living statuary, with the young men performing statues as originated by former Coach Leslie J. Judd. They have become a traditional part of the show, and a classic in the field of creative art.

There's also a dance routine, performed by the men and women, and the men's triple balance team, also a traditional part of the



exhibitions, with three men working together in an event requiring great teamwork, balance and strength.

Students are still needed to assist in setting up and hosting the gymnastic team. Sign up in Dean Brown's office.



## Student Life Meets, Elects Chairman

Tuesday, October 10, the Student Life Committee met and elected a chairman for the academic year. Paul Davis, from the Math department is the new chairman. The committee considered its format for the year and what some of the important immediate issues would be.

The student life committee is a faculty committee composed of four voting faculty members, four voting student members and ex-officio the Dean of Student Affairs. The faculty members are: H. Corey-M.E., R. Long-Physics, J. O'Connor-Economics/Government and Business, and the chairman, Paul Davis-Mathematics. The student members are: Stephen Page-Stoddard A 104, Michelle McGuire-Riley 116, Nancy Wood-Riley 109,

and Kent Lang-Stoddard B 104. The committee will discuss any situation involving student life. Any student with any ideas, criticisms, etc. on issues may bring them to the attention of any member of the committee or attend a meeting. The next meeting will be Wed., Oct. 18 at noon in the faculty dining room in Morgan Dining Hall. The agenda is:

1. The Student Government resolution to the Physical Education Department.
2. Collection of ideas for discussion and/or action at future meetings.
3. Determine areas where the committee can work effectively toward a solution of some of the problems of the seven week terms. All interested students and faculty are invited to attend.

## W.P.I. Competency Exam

Instructions: Read each question carefully. Answer all questions. Time limit - 4 hours. Begin immediately.

**HISTORY.** Describe the history of the papacy from its origins to the present day, concentrating especially but not exclusively on its social, political, economic, religious, and philosophical impact on Europe, Asia, America, and Africa. Be brief, concise, and specific.

**MEDICINE.** You have been provided with a razor blade, a piece of gauze, and a bottle of scotch. Remove your appendix. Do not suture until your work has been inspected. You have fifteen minutes.

**PUBLIC SPEAKING.** 2,500 riot-crazed aborigines are storming the classroom. Calm them. You may use any ancient language except Latin or Greek.

**BIOLOGY.** Create life. Estimate the differences in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effect on the English parliamentary system. Prove your thesis.

**MUSIC.** Write a piano concert. Orchestrate and perform it with flute and drum. You will find a piano under your seat.

**PSYCHOLOGY.** Based on your knowledge of their works, evaluate the emotional stability, degree of adjustment, and repressed frustrations of each of the following: Alexander of Aphrodisias, Ramses II, Gregory of Nicea, Hammurabi. Support your evaluation with quotations from each man's work, making

appropriate references. It is not necessary to translate.

**SOCIOLOGY.** Estimate the sociological problems which might accompany the end of the world. Construct an experiment to test your theory.

**MANAGEMENT SCIENCE.** Define Management. Define Science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Assuming an 1130 CPU supporting 50 terminals, each terminal to activate your algorithm; design the communications interface and all necessary control programs.

**ENGINEERING.** The disassembled parts of a high-powered rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes a hungry Bengal tiger will be admitted to the room. Take whatever action you feel appropriate. Be prepared to justify your decision.

**ECONOMICS.** Develop a realistic plan for refinancing the national debt. Trace the possible effects of your plan in the following areas: Cubism, the Donatist controversy, the wave theory of light. Outline a method for preventing these effects. Criticize this method from all possible points of view. Point out the deficiencies in your point of view, as demonstrated in your answer to the last question.

**POLITICAL SCIENCE.** There is a red telephone on the desk beside you. Start World War III. Report at length on its sociopolitical effects, if any.

**EPISTEMOLOGY.** Take a

## Teaching in Jail

(from page 1, col. 5)

sibility once he has started. The worst thing the student could do to the prisoners is fail to show up after several weeks of classes. This is a terrible let down for the prisoner not only because it denies the prisoner some variety in his life, but also because he is taking the course in preparation for the exam to get his high school equivalency diploma, which Worcester County Jail offers its inmates.

If you are worried that you wouldn't know what to do once you have a class, there is no need to. Both Dr. Schachterle and Captain Bird, one of the prison guards, will be more than eager to help you out. Captain Bird is very sympathetic to the problems of college students coming to the prison to teach for the first time. He gave Bob only two prisoners for the first couple of classes and has gradually built up his class to its present level. In addition, Dr. Schachterle goes with Bob once a week and offers advice. Also, there is no financial in-

terventions on your part. Although Bob did have to buy the books for his courses, he will be refunded by the jail. In addition, Dr. Heventhal will put in the English Department's budget some money for W.P.I. to contribute books to the project. Your only expense would be your transportation to and from the jail. However, even this expense can be eliminated.

At the present time, this course is listed in the project handbook as project number 1087, "Teaching At Worcester County Jail." Dr. Schachterle hopes other Departments will pick up this idea and expand it to a full time second project on Crime and Punishment in Worcester County. This would be good for students who are interested in going to law school or who would like to gain experience in seeing the other side of the law.

Since there is an urgent need for students to teach introductory college level courses, not only in the humanities, but also in algebra and geometry, please give it some thought and act now!

## Prof. Scott receives Western Electric Award

Prof. Kenneth E. Scott of 30 Brentwood Dr., Alden professor of mechanical engineering at Worcester Polytechnic Institute, last night received one of the two 1972 Western Electric Fund Awards given by the New England Section of the American Society for Engineering Education.

The presentation was at the annual banquet of the section at Wentworth Institute, Boston.

The Western Electric Fund Awards are to educators for excellence in the instruction of engineering students. They consist of a monetary award and a certificate "designed to recognize and honor the recipient and to serve as an incentive for him to make further significant contributions in educating today's engineers."

Prof. Scott is the first Alden professor at WPI. He has been on

the faculty since his graduation from WPI in 1948, later earning his master's degree.

He pioneered the use of "hands on" video taped instruction in his course in controls engineering at WPI. It led to the team effort development of Individually Programmed Instruction (IPI) as an integral part of the WPI Plan.

In recognition of his development of new methods of instruction, he was appointed WPI director of audio visual development.

He was the 1971 recipient of the Trustees' Award for Outstanding Teaching in 1971. The college yearbook was dedicated to him in 1970.



Prof. Scott is winner of Western Electric Award. (Photo by The Peddler)

### FINANCIAL AID INFORMATION

SECOND SEMESTER EMERGENCY LOANS

NATIONAL DIRECT STUDENT LOANS

COLLEGE WORK STUDY PROGRAM

\$\$\$

Applications Will Be Available

WEDNESDAY, November 1, 1972, Room 304, BOYNTON HALL

Deadline for Return of Applications is December 1, 1972

The rifle club will conduct a one hour course in pistol shooting on Friday, Oct. 20, at 4:30, at the rifle range in the Alumni Gym. No previous experience required. All materials furnished. Come and bring your trigger finger. Everyone is welcome.

### CHESS CLUB

Somewhat Formal

Meeting

Wednesday,  
October 18,  
7 p.m.

Goddard Hall,  
Rm. 012

Bring Sets! — Novices Welcome

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ST 70 Power Amp, 70w	100	73	2	
ST 80 Power Amp, 80w	120	87	160	103
ST 120 Power Amp, 120w	160	116	200	129
SCA 35 Integrated Amp, 35w	100	73	2	
SCA 80 Integrated Amp, 80w	170	125	250	165
Quad Adaptor for 4 Channel	20	17	30	22
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# Tech Student Whips City Hall or Does He?

By Howard Roark and Richard Brontoli

H.R. — When did you try and vote in Worcester and why did you consider this your home?

Brontoli — Well in March of 71 when the 26th amendment to the Constitution was passed, this gave the right to vote to anyone over eighteen. At the time I was 19 and wanted to vote. I tried to register here in Worcester because I had been living here for almost two years and considered this my home.

H.R. — Why did you consider this your home?

Brontoli — My father is employed overseas, for Mobil Oil, he and my mother haven't lived in the states for about five years. Up till the time I went to high school I had lived overseas also. When I started high school I had to come back to the states because there weren't any high schools available. I graduated from Millbrook, a private school in New York and then came here.

H.R. — Was there any place that you stayed on vacation during that time?

Brontoli — I stayed with my grandparents, who live in Hunter, New York, but that wasn't really my home.

H.R. — What happened when you tried to register the first time here in Worcester?

Brontoli — I had read that some towns and cities had decided to register students and some had decided not to. If someone had told me that Worcester was so backward in their thinking that they were afraid that the students, if they got the right to vote, would take over the town government I wouldn't have believed them. The lady at the Registrar of Voters window took down my name, age, etc. and then asked if I was a student. I told her I was and with that she told me too bad but you aren't voting here. She told me that there hadn't been a ruling on the eligibility of students but that the city of Worcester was not going to register any student whose parents also didn't live in the city. I told her of my situation and she told me to try and register in New York.

H.R. — Did you try to register in N.Y. or were you intent on voting in Worcester?

Brontoli — After realizing that I might not get to vote here in Worcester, if the final decision was going to be left up to the individual localities, I figured I would vote in New York. In the time between March and June when I tried to register in New York, the cities were making up a questions list and they were asking students who tried to register. The most important one dealt with your intention on remaining in the city

after graduation. If you answered no, they considered you a transient and if you answered yes, they asked how you knew you would be able to find a job there after graduation. The town of Hunter, where I tried to register, asked me this and I told them that I was only living and working there over the summer. They told me that therefore, I wasn't a resident of the town and couldn't vote there, so I then had nowhere to vote. At this point I just figured there was no way I was going to be voting, unless Worcester changed it's mind.

H.R. — What was your next step?

Brontoli — I came back in September and found that Attorney General Quinn had made a ruling which gave students the right to vote where they domiciled. There was also a city election coming up and I wanted to vote in it. I figured that with being turned down in New York and with the ruling that I wouldn't have any problems.

This time when I went down to try and register, I had my lease and a few other things to identify my residence as Worcester. The lady at the window took my name looked it up in a file and asked if this was the second time I was trying to register. I told her yes and she said that if I was a student, then there wasn't going to be a change in the decision. I proceeded to explain to her that they wouldn't let me vote in New York and how my parents lived overseas and

what about the Attorney General's ruling. She said she would get someone else to speak to me about my case. She reappeared with City Clerk Robert J. O'Keefe. He proceeded to tell me about the ruling and how it was left up to the various cities and towns to decide voter qualifications. He told me how students are never really on their own and how when they are living in dorms they are living on land that wasn't taxed. I asked him what about the engineers who work for large companies and get transferred, how can they say they intend to remain in Worcester indefinitely. Mr. O'Keefe told me that they were earning a living and that it was up to the company to transfer them or let them remain. I asked him why President Hazzard was allowed to vote since he lived in a house on school property and his job was not for life. Mr. O'Keefe then said that Hazzard was a member of the community and tried to make that point clearer by pointing out that Hazzard was a member of the Rotary Club and therefore was a true member of the community. At this point I thanked Mr. O'Keefe and asked where there was a public telephone.

H.R. — Why did you want a telephone?

Brontoli — At this point I was really pissed and wanted to do something. The Civil Liberties Union always seemed ready to help keep laws equal and so I called them. I spoke with Mel Greenburg and he told me that there was a

case pending in the federal courts, but he listened to my story and told me that he would get back to me when the case on the federal level was decided. As it turned out the federal court decided they didn't have jurisdiction in the matter and that the states would have to decide the matter. This decision wasn't reached till December. When we came back from vacation in January, Mr. Greenburg called me up and told me to go down and request a hearing with the board of Registrars. They were evidently going to schedule a large number of students on one day and hoped to have many diverse circumstances. They finally got the hearings scheduled for the middle of March. Mr. Greenburg told us not to expect anyone to be granted the right to vote and that this was just the first step before we went to court.

H.R. — Did you feel that the hearings were fair and that the board members were listening with an open mind?

Brontoli — They, all the members of the board of registrars, seemed to have made up their minds before things even started. The City Clerk, Mr. O'Keefe, who was only supposed to be the clerk of the board, asked about 75% of the questions and really ran the whole hearing.

H.R. — How many people had hearings that day and did anyone win.

Brontoli — There were about 20 people, Skip Popoli, Gary Smolen and myself from WPI and the rest were from Clark. It took the board about five minutes to decide that none of us were domiciled in Worcester and therefore could not vote here. After this Mr. Greenburg said he would be getting in touch with us. In about a month he called and asked if I was willing to go to court. I told him yes, and I then went down to his office and after reading the deposition signed it. He told me that mine was a very good case and would probably be one of the test cases that would be chosen. He told me that he hoped to get a ruling before the Sept. primary but that the court dockets were pretty jammed. When I returned in Sept. he called and told me that there probably wouldn't be a ruling on the case until after the primary. I was a little disappointed but figured that missing one more election wouldn't matter much. When I finally went to court I received another surprise. When we had the hearings there had been a stenographer present and also someone taking notes. The stenographer was working for Mr. Greenburg and the lady taking notes was a city employee. The cities notes had the students saying things that we never said and made it seem we admitted that we weren't residents of Worcester. After this day the lawyers from Mr. Greenburg's firm did all court

room work and when the decision was finally handed down I heard about it on the news.

H.R. — Did you feel the wait was worth it?

Brontoli — I did until I found out that it isn't over yet. The City is going to appeal the ruling, the decision applies only to the three of us, and as of right now, if the city wins the appeal, I'll have to tell who I voted for.

H.R. — Why, isn't that going against the principle of the secret ballot?

Brontoli — Right now I'm only provisionally registered and have to vote down at city hall and the votes will be kept separate until its decided. I had to sign something saying that I will tell them who I voted for if the city wins the appeal.

H.R. — Do you have any bad feelings towards the city and the "system"?

Brontoli — I don't really harbor any hatred for any one person, but I do feel that the city is tackling things in different directions. The notable George Wells will get up and complain that the colleges get a free ride in the city and it doesn't receive any benefits. Then you have the board of registrars saying that the students aren't citizens here, so why should students care if it isn't their city. I wonder though what would've happened if the Civil Liberties Union of Mass. wasn't around. I know that I wouldn't have been able to afford to pay a lawyer to fight this for me. The system can work only if it takes a long time, and probably longer than is reasonable. If by some chance the city should win the appeal there is talk of trying to have a law passed to make the situation more equitable. As Winston Churchill once said "Democracy is one of the worst forms of government, but all the others are much worse."

## W.P.I.

(Con't. from 7, Col. 3)

the development of mathematics on science. PHILOSOPHY. Sketch the development of human thought; estimate its significance. Compare with the development of any other kind of thought. GENERAL KNOWLEDGE. Describe in detail. Be objective and specific. EXTRA CREDIT: Define the Universe; give three examples.

**24 Hours of?**  
**Anything**  
**Imaginable**  
**The**  
**Marathon**  
**Game**

## Need A Summer Job? In Europe?

IAESTE, the International Association for the Exchange of Students for Technical Experience has just announced that positions are available for qualified students who desire to work in Europe for the summer of 1973.

Any student who is enrolled and in good standing at an accredited 4 year college or university and who has completed at least the sophomore year of studies may apply.

IAESTE'S aims are:

- to train advanced university students of the engineering and natural sciences in the industrial techniques of other nations, and
- to build a foundation for international understanding and goodwill among these potential leaders and the host companies and institutions.

Jobs are available in various fields of study in the following countries: Austria, Belgium, Finland, France, Germany, Israel, Netherlands, and Switzerland.

Students interested should contact Dean Brown, Boynton Hall, Room 206, as soon as possible.

## Youth Fairs To Be Abolished

Washington, D.C. — While nine million college students are returning to campus, the Civil Aeronautics Board is wondering when to break the news of their decision.

In January, 1968, CAB examiner Arthur S. Present ruled that discount fares limited to persons 12 to 21 years old are "unjustly discriminatory" because age alone isn't a valid distinction between passengers. Shortly thereafter, Mr. Present received mail from college students by the sack load. Their expression of opinion was so overwhelming that the CAB ruled that airline youth fare discounts don't unjustly discriminate against adults. The board put off any decision on a petition to abolish the discounts until a study of whether the fares were reasonable in relation to carrier costs was completed.

After four years of study, the CAB planned to make an announcement of their decision in August, an official stated. Sources at several airlines agree the an-

nouncement will probably be delayed until after the November elections. They concur that chances for the fare to continue look bleak.

Originally youth fares were challenged by National Trailways Bus System, a trade association of bus companies, and by TCO Industries, Inc., formerly Transcontinental Bus System, Inc.

U. S. Airlines were split on the issue during the examiner's investigation; 14 of the carriers offering youth discounts supported them and 10 opposed them or didn't take a position.

Over \$300 million is spent by young people on youth fare tickets annually. Each year over 1 million youth fare cards are bought by young people who believe that they are entitled to its benefits until age 22. If the fare is abolished, privileges of the card would be revoked.

It is interesting to note the delayed announcement of the CAB decision comes in the first election year allowing youth to vote at age 18. Such news might play an important part in the elections if young people sent inquiries to the presidential candidates.

## Pritchard Joins Hall of Fame



Athletic director Bob Pritchard was inducted into the Susquehanna Sports Hall of Fame at Susquehanna University, Selingsgrove, Pa., during halftime ceremonies on October 7.

Pritchard was a starting tackle at the school for three years, and served as line coach for four years.

He came to WPI in 1941 and served as line coach. Following three years in the service, he became head coach at Kingston High School.

In 1947, Pritchard returned to WPI as head football coach, a position he held for twenty years. That is the longest coaching term in the history of the school.

In 1952, Pritchard was named Athletic Director of WPI, a position he holds today.



## TECHNICON ONE:

### A SCIENCE FICTION CONVENTION

#### Invites You To Register!!!

The time has come to register for your Intersession courses. May I direct your attention to what promises to be one of the most interesting courses in the program: Technicon One. This is a course? seminar series? film program? experience! in the field of science fiction. There has never been a way like this at WPI to learn about and exchange ideas on science fiction, so Technicon One evolved to meet the need.

Technicon One will be presented during "B" week of Intersession 1973, and the number you want to sign up for is B354. Write it down now so you won't forget it: B354.

If you have read science fiction before, then you have a head start. If not, then Technicon One can be an introduction to the field and an invitation to join the ranks of fandom. This course is meant to be enjoyed, and not to be a drudge; invite yourself along for the ride and join Technicon One!

The daytime program will include talks on SF topics by a few non-randomly chosen authorities, moderated discussion groups on topics to be generated by those in the course (like Firesign Theatre, or Heinlein's latest novel), and student presentations on anything they feel relevant to the field.

The highlight could most likely be the evening Film Program. Tentative films include *Fahrenheit 451*, *The Day The Earth Stood Still*, and *The Forbidden Planet*. If you are enrolled in Technicon One, admission to these films will be free!

For any further information, call  
Bill Carton '73 at 754-9274  
See you January 15!

## Senior Portraits

### Now Being Taken

#### Peddler Office

8:30 a.m. to 12:00 noon

1:00 p.m. to 5:00 p.m.

Until Oct. 19

Sitting fee- \$4.00

As a result of the flooding of the Bookstore on October 7th, almost every Chemistry course book for Term B was seriously damaged. Those books that are determined to be useable will be drastically discounted and sold on an "as is" basis. Replacement orders for new books have also been sent to the appropriate publishers for new copies.

## INTERSESSION

### Registration Forms Due

**October 18 — Boynton 209**

Undergraduates:  
obtain forms from  
Advisor

Grad students:  
obtain from your  
Department Head

**LAST DAY**  
**October 18**

for Intersession Registration

Since projected enrollments from this registration will determine whether or not it is feasible to proceed with some of the courses listed, accurate indication of student interests is very important at this time.

While it may be possible to register later, enrollments will in the meanwhile be opened to off-campus participants, and the priority associated with being a WPI student will be reduced.

# Don't Throw Away Your Chance To Vote



Most politicians would be happier if you didn't vote. Disappoint them! Don't let complex ABSENTEE voting procedures keep you from voting. Here's how to do it:

If your voting address is not your school address, an absentee ballot form has to be requested from your home County Board of Elections or your County or Town Clerk. In order to vote for President, your application must be received by October 31. The deadline is earlier for local elections in many states.

#### 5 STEPS

1. Tear out the form below and fill it out.
2. Have the form notarized. Ask school officials for help with notarization.
3. Mail this form to your county or town Clerk or your County Board of Elections.
4. When you receive the absentee ballot

application and/or the ballot itself, fill them out immediately. Have them notarized.

5. Mail them *immediately* to the office that sent them.

IF YOU ARE REGISTERED TO VOTE AT YOUR SCHOOL ADDRESS, GO TO YOUR ASSIGNED POLLING PLACE ON NOVEMBER 7, AND VOTE!

If you need assistance, contact your local McGovern, Nixon or other campaign headquarters or the Student National Education Association, 1201 16th St., N.W., Washington, D.C. 20036. Tel: 202-833-5527.

THE STUDENT NATIONAL EDUCATION ASSOCIATION HAS SUPPLIED THIS INFORMATION BECAUSE THEY WANT YOU TO REMEMBER THAT IF YOU DON'T VOTE—YOU DON'T COUNT!

October , 1972

Dear Sir:

My duties as a student require me to be absent from my residence in \_\_\_\_\_

(county, town, address)

continuously through election day.

Pursuant to the 1970 Voting Rights Amendment (Public Law 91-285) please send an absentee ballot, and/or application therefor, to me at my school address:

(Print Name)

(Signature)

(NOTARY PUBLIC AND SEAL)

TO VOTE BY MAIL IN THE NOVEMBER PRESIDENTIAL ELECTION, TEAR OUT AND MAIL THE ABOVE FORM TO YOUR HOME COUNTY CLERK, BOARD OF

ELECTIONS, OR APPROPRIATE ELECTIONS OFFICIAL.

**THE FEDERAL DEADLINE  
IS OCTOBER 31.**



There will be  
a meeting of the  
Tech  
Conservative Society  
on Thursday, Oct. 19,  
at 7:00 in the  
Stoddard B Lounge.  
Discussion of  
1st Legacy.

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Dear Computer Genius,  
Thank you for fixing my program. ....6231

For Sale: 1957 Corvette fuel injection. Rebuilt in September. All parts: air meter, fuel meter, manifold, Mallory Dual Point distributor, all fittings. Fits all small block Chevy motors. Price: \$100.00, plus small block Chevy manifold, 4-barrel carburetor, and distributor. Inquire: Riley 117.

Wanted: 2 Freshman guys are looking for 2 female partners to play doubles in paddleball or tennis. Experience not necessary. Inquire either in Riley 408 or Riley 412, or call 753-9809 and ask for John or Roland.

Wanted: Drummer to play with forming country group. Must like or be willing to learn country music. Call 754-7919, ask for Eric. Also: Is there anyone on campus who has a pedal steel guitar I can borrow once in a while? Call same number.

For Sale: One pair Hexcel skis, 210 cm. never been used. Less than 50% usual price. Call 755-3081 and ask for Greg.

Does anyone need a church bell ringer? If you do or know anyone that does, contact Quasimodo in Daniels 416.

Wanted: One chocolate moose for Sunday Dinner on Elmhorn Rd. We have the appetite if you have the moose. Chuck, Bob & C.J.

For Sale: Garrard Module SLX-2 turntable with Pickering cartridge, dust cover and base. Asking \$30.00. Call Theta Chi and ask for Rich Wolke. 753-9952.


For Sale: One Honda CB350K4 Motorcycle, candy olive paint, 1300 miles. Will sell for \$750.00 including tune-up lessons, new unmounted 3.50X18 continental tire, shop manual & extra points plate. Will haggle depending on what of above is desired. Call 853-3465.

Records For Sale: Used once for recording. Kinks — Everybody's in Showbiz (double album) \$3.50. Yes — The Yes Album \$2.75. It's a Beautiful Day — Beautiful Day \$2.00. Jerry SA-205.

THE W.P.I. Air Cushion Vehicle Testbed team is beginning design & construction of an actual research hovercraft. At this time we are looking for more members to join the project team and continue it in terms B, C, and D. It could be an excellent opportunity for you to fulfill your Plan project requirements. For more info., contact: Bob Sykes 752-8667 or John Barnes 752-8326 or project advisors Prof. John Boyd and Prof. Ken Scott.

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Show Starts at 10:30

But plan to arrive early — we're giving treats to the first 150 people who say: "TRICK OR TREAT!" at the Box Office when buying Tickets. a project of lens & lights.

**ASCE Meeting**  
WEDNESDAY, OCTOBER 18th  
Kaven 207 3: 30 p.m.  
**O.E. Nault**  
Architect  
GUEST SPEAKER  
Consultant For  
Ellsworth Residence Center  
Members — New & Old — Should Attend  
All Are Welcome Refreshments



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**When this 25-year-old researcher  
wanted to investigate a possible cancer treatment,  
we gave him the go-ahead.**

**We also gave him the right to fail.**

At Kodak, it's not unusual for a 25-year-old like Jim Carroll to win the title of senior research physicist. Like any company involved in a lot of basic research, Kodak has felt the pressure of modern technology and the need for young, fresh thinking. So we hire the best talent we possibly can, and then give them as much responsibility as they can handle. Whatever their age.

We have departments and divisions, like any company. What we don't have are preconceived ideas about how an expert scientist's time should be spent. So when we received a request from the medical community for assistance in experimenting with lasers as a possible cancer treatment, we turned to 25-year-old Jim Carroll, who is deep in laser tech-

nology, and gave him the go-ahead. He built two half-billion watt laser systems, one of which Kodak has donated to the National Institute of Health.

The lasers proved unsuccessful in treating cancer, but we'd make the same decision all over again. We entered laser technology because we have a stake in business. We let a young researcher help the medical community look for a means of cancer treatment because we have a stake in the future of mankind.

To put it another way, we're in business to make a profit. But in furthering our own needs, we have often furthered society's. After all, our business depends on our society. So we care what happens to it.



**Kodak**  
More than a business.





# Gridders Gain Victory

## Jim Buell Is Standout

by Dave Gerth

Homecoming turned out to be a happy day for WPI football fans as the Engineers rolled over Bates for a 35-8 victory. It was the 25th straight loss for the Bates team and it was 4 years ago that Tech defeated to start the string of losses.

Coach Mel Masuco felt it was an alert defense which was the key to victory. The defense held Bates to no yardage on the ground in the first half and only 12 yards for the whole game. The defense was also very alert in picking off four passes and recovering four fumbles.

The offense complemented the defense by making the most of Bates errors. WPI scored three of its first four touchdowns after recovered fumbles.

Jimmy Buell, one of the tri captains, was the chief star in the star studded affair as he caught four passes for 118 yards and three touchdowns.

The first quarter saw Bates with much better field position but they were unable to score. Late in the first quarter though Tech capped an 81 yard drive in four plays with a razzle-dazzle play of 56 yards and a touchdown. Quarterback Mike Ball pitched back to Geary Schwartz who tossed a perfect pass to Buell who outraced the Bobcat defense the rest of the 56 yards. Bob Aubrey converted on first of five points after attempts.

On the ensuing kick off, Jim Asaro recovered a Bates fumble and shortly thereafter Schwartz ran off left tackle to score from six yards out.

Another fumble recovery set up the next score which saw Bob Simon make a spectacular 33 yard run down the right sideline.

The final score of the half came when Ball hit Buell with a 35 yard TD pass, as the score stood 28-0 at the half.

Tech upped the score 35-0 early in the final period when Ball hit Buell for another TD pass, this one covering 21 yards.

Bates quarterback Dave Dysenschuk gave them their only score with about 3:00 left in the game with a 2 yard run. Dysenschuk hit MacDonald for the 2 point conversion.

Jim Asaro played an alert defensive game as he recovered a fumble and intercepted a pass. Simon, Schwartz and Slavak, Tech's running backs, ran well as the Engineers picked up over 300 yards on the ground.

The Engineers record is now 2-2 and next Saturday they travel to Wesleyan to play.

STATISTICS		WPI	Bates
First Downs		14	10
Net Yards Rushing		309	12
Net Yards Passing		117	91
Total Offense		426	103
Passes Attempted		17	29
Passes Completed		5	8
Passes Int'c. By		4	2



Jim Buell scores first T.D.

Return Yardage	74	84
No. of Punts	7	9
Average Punts	34	37
No. of Fumbles	1	6
Fumbles Lost	0	4
Yards Penalized	71	15

**WORCESTER POLYTECH — 35**

Ends — Buell, Carr, Noblin, Fitzgibbons, Plotczyk, Gray, Asaro, Briggs

Tackles — Cawley, Beverly, Cordella, Pryor, Lavallee, Schultz, Kavanaugh

G — Buzanoski, Moquin, Whipp

Bukowski, Nickerson, Chabot, Nordstrom

Centers — Cormier, Irwin

Quarterbacks — Ball, Gross, McCormick

Halfbacks — Simon, Schwartz, Klein, Graham, Teixeira, Cullinane, McAloon

Fullbacks — Slavick, Leanne, Grogan

Linebackers — Nunes, Daly, Drew, Hastings, George, Brewer

Defensive Backs — Beckman, Crossen, Spence, Falumbo, Fitzgerald, Scavone, Ferraris, Robillard

Kicker — Aubrey

**BATES — 8**

Ends — Walman, Eldridge, Cohen, Dachos, Burke, Shapiro, Staskawicz

Tackles — Volle, Bolden, Smith, Sagar

Guards — Kufutuba, Losordo, Janiga

Center — Hyland

Quarterbacks — Conolly, Dysenschuk, Murphy

Halfbacks — Scacca, Bates, Ham, MacDonald

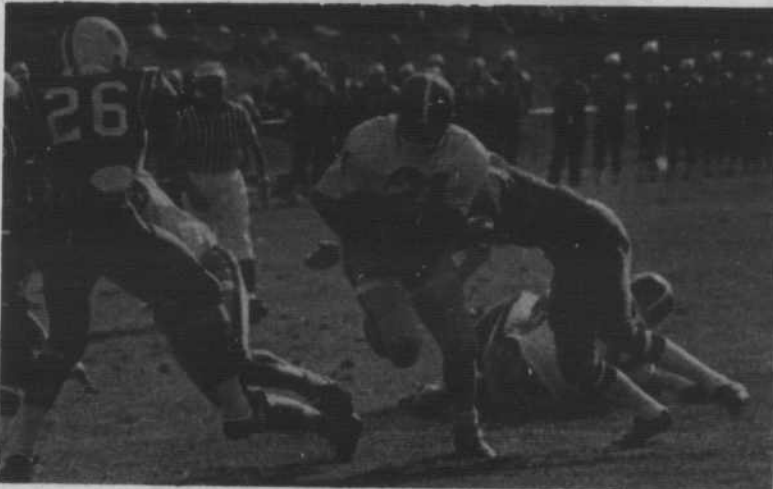
Fullback — Dragan, Littlefield

Linebackers — Halliday, Lee, Moriarty, Roberge

Defensive Backs — Browlee, Boucher, Genetti, Moriarty

Kickers — Godiksen, Bayek

WPI	7	21	7	0	35
Bates	0	0	0	8	8
First Period: WPI — Buell 56 pass-run from Schwartz (Aubrey kick).					
Second Period: WPI — Schwartz 6 run (Aubrey kick); WPI — Simon 33 run (Aubrey kick); WPI — Buell 35 pass from Ball (Aubrey kick).					
Fourth Period: WPI — Buell 21 pass from Ball (Aubrey kick); Bates — Dysenschuk 2 run (MacDonald pass).					



Geary Schwartz carries for T.D.

## CREW TEAM WINS CUP

During Homecoming the WPI Crew Team brought home another cup, this time from the Lake Onota Regatta, when all three men's shells were victorious. Due to extremely rough water and winds gusting up to 45 m.p.h., the race course was shortened to 400 meter sprints with points being allocated as to place. The freshmen boat, thrown together the day before, with heavyweight and lightweight oarsmen combined, crossed the finish line first in all three of their preliminary heats and repeated their outstanding performance in the final, besting U.R.I., Williams, Amherst, and Connecticut College. The lightweight eight, outsized by Holy Cross, Williams, and Amherst's J.V.'s rowed across the finish line first in their final.

The newly formed W.P.I.'s girls eight met stiff competition from girls shells of Wellesly, Williams, and Connecticut College. They were guaranteed a birth in the final by placing first in two of their preliminary heats. They rowed an outstanding race in the final, in first place since the start, when they caught an unfortunate "crab" 50 meters from the finish and consequently placed a respectable third, with Wellesly coming in first. Our girls had beaten Wellesly twice in the preliminaries.

The W.P.I. men's Varsity Heavyweight Eight placed first in all of their preliminary heats. After the first heat, high winds forced them towards a boulder-strewn shore and had coxswain Jon Wyman not jumped up to his neck in the icy water to shove them off, we would have lost the R. V. Olson eight. In the final, the W.P.I. "fat-backs" placed first, besting Holy Cross, U.R.I., Amherst, Williams, A.I.C., and Clark, giving them the Lake Onota Regatta Men's Cup.

Last Sunday the crew team traveled to Lowell for the annual Fall Festival Regatta. Both the Heavyweight and Lightweight eights rowed in the Senior Eight division. The Heavyweights sprinted the last 500 meters to regain a length on UMass, a perennial power in college rowing, to be beaten by only three-tenths of a second. The lightweights finished fifth, three seconds behind last year's National Champion Coast Guard lightweight eight.

Hopes are high for next Sunday's 3 mile row at the Head of the Charles Regatta in Boston.

John Mathews

## Harriers Lose 2 Record Now 8-2

Last Tuesday, Tufts University's Cross Country team ended WPI's hope for an undefeated season. Tufts runners took the first three places on route to a 19-38 victory. WPI was hampered by some key injuries.

On Saturday, Bates handed WPI their second loss in 10 meets this year.

The top Tech runners were Alan Briggs, 2nd place, and Andy Murch, 5th. Again Tech was hampered by injuries. The score was Bates 23, WPI 34.

Upcoming meets are with a tough Brandeis team and Suffolk on Wednesday and with Amherst and Bentley on Saturday.

## Booters Tie Lowell Tech

The Worcester Tech booters played Lowell Tech to a 1-1 deadlock in a double overtime match last Tuesday afternoon.

The match, although not won by Tech, was quite an impressive showing by the home team and a definite improvement over their last match.

Playing in similar conditions of high wind and rain, Worcester proved that they learned by their mistakes against the U. Mass Minutemen the week before.

With field conditions extremely muddy and slippery, the defense played cautiously. The Tech defenders played their opponents loosely, moving back a little, and waited for an offensive miscue in the mud. Then after tackling the offender, the defensive unit quickly drove the ball upfield to the offense. With this type of intelligent play, Tech controlled the game beautifully.

The lone goal of Lowell Tech was scored by a penalty kick late in the first half. It was only the breaks of the game that allowed Tech to score their one goal and no more.

		Lowell Tech	WPI
Shots on goal		9-4	17-22
Corner Kicks		2	11
Saves		19	8
Fouls		14	12
Offside		0	4
Goals:		WPI	
Lowell Tech		Gemmer, W. (40:20)	
WPI		George, (35:28) Assist by R. Rudis	

## UPCOMING SPORTS

- October 18
- Varsity Soccer WPI vs Assumption Away 3:30 p.m.
  - Varsity Cross Country WPI vs Brandeis, Suffolk Away 4:00 p.m.
- October 19
- J.V. Soccer WPI vs. Dean Jr. Home 3:30 p.m.
- October 21
- Varsity Football WPI vs. Wesleyan Away 1:30 p.m.
  - Varsity Soccer WPI vs. AIC Home 2:00 p.m.
  - Varsity Cross Country WPI vs Amherst, Bentley Away 11:30 a.m.
- October 23
- J.V. Football WPI vs Tufts Home 2:30 p.m.

★ **MARATHON GAME** ★

★ **Special** ★

THE NEW ENGLAND CLIPPERS  
WHEELCHAIR BASKETBALL TEAM  
vs.  
FRATERNITY HOUSE PRESIDENTS  
at 9:00 p.m. on Friday

The game will open The Clippers 20th consecutive season.